

4. I have often noted some that are *short-sighted*, I say not *pore-blind*, to discern all things that are done about them, almost quite behind them, more perfectly then the best-sighted, if the room was not too large for the reach of their sight.

5. Also some of Dr. *Lowers* Observations I could confirme by my own experience. In my youngest days I had a very narrow escape from an excellent Horse, which had that only defect, which they call *Moon-blind* (and they told me of it after the mischief.) I purpos'd to leap a Ditch, but the Horse saw no Ditch, so we fell in together. As Coach-and Cart-horses have flaps on the Ear-sides of their eyes, so these flaps may be fitted (and in some shew of ornament) to shadow the over-part of the eyes, and yet to afford them light enough to see their way. I know not, whether it be usual amongst you; but I have seen a young Child wear a kind of black Riband, like a narrow Masque before her eyes, the Riband or Maske having holes made in fit places to guide the eye. And this was said to be an effectual remedy to cure the Child of *Squinting*, which she had hereditarily from her Mother.

To conclude, for your trial of the *Tubulous Spectacles*; the Tubes may be of paper only colored black, and pasted on, and with the inner folds to be drawn out from one inch to three; some of the folds to be taken out, that the orifice may be wider or narrower, as best fits to every degree of defect.

*Of the Antiquity of the Transfusion of Bloud from one Animal to another.*

There hath been of late some contest about the *Origin* of the *Transfusion*, the *English* first claiming it as a late Invention of theirs; the *French* pretending thereupon, that it had been propos'd among them *ten* years agoe: after which, it was affirm'd upon further investigation, by some ingenious persons in *England*, that *there* it had been known 30 years agoe; whereof the *Publisher* of these *Tracts* hath good proof in his hands. But it seems, that an *Italian* Philosopher, in a certain Tract, entituled, *Relazione dell' Esperience fatte in Inghilterra, Francia & Italia intorno la Transfusione del Sangue*, lately printed in *Rome*, (for the notice whereof.

whereof we are obliged to the Author of the *Journal des Sçavans*) undertakes to prove, that the *Transfusion* is yet of greater Antiquity, as having been known to *Libavius* above 50. years since. For which, that *Roman* Author alledgeth a place out of the said *Libavius* (in *Defensione Syntagmatis Arcanorum Chymicorum contra Henningum Schneumannum*, actione 2. pag. 8. Edit. *Francos. A. 1615.*) where the *Transfusion* is so plainly described, that one can hardly discourse of it with more cleerness, than there is done, in these words: *Adsit* (saith *Libavius l. c.*) *Juvenis robustus, sanus, sanguine spirituosus plenus: Adstet exhaustus viribus, tenuis, macilentus, vix animam trahens. Magister artis habeat tubulos argenteos inter se congruentes, aperiat arteriam robusti, & tubulum inserat munitaque; mox & egroti arteriam findat, & tubulum fœmineum insigat. Jam duos tubulos sibi mutuo applicet, & ex sano sanguis arterialis, calens & spirituosus saliet in egrotum, unaque vita fontem afferet omnemque languorem pellet.* This indeed is clear enough, and obliges us to averre a greater antiquity of this operation, than before we were aware of; though 'tis true, *Libavius* did not propose it but only to mock at it (which is the common fate of new Inventions, in their Cradle;) besides that he contrives it with great danger, both to the *Recipient* and *Emittent*, by proposing to open *Arteries* in both; which indeed may be practised upon *Brutes*, but ought by no means upon *Man*.

#### Mr. Gregories Answer

To the *Animadversions* of Mr. Hugenius upon his Book, *De vera Circuli & Hyperbolæ Quadratura*; as they were publish'd in the *Journal des Sçavans* of July 2. 1668.

**T**HIS Answer we shall give the *Reader* in the same Language and Words, in which the Author of it desired, it might be inserted in this Tract, viz.

**A**D ea qua dicit D. Hugenius contra meam Circ. & Hyperb. Quadraturam, ingenue fateor (cum illa scriberem) me non animadvertisse exemplum in prop. 10. non esse seriem convergentem; experientiam enim feci solummodo de primis & secundis terminis, non considerando tertios cum primis coincidere; nam ratiociniis insistebam, de exemplis parum sollicitus: Ut autem appareat in hoc nihil contineri contra nostram Doctrinam, agedum hoc loco 10. prop. totidem verbis, sed cum legitimo exemplo, repetamus,

Prop.